BYU Computer Science Major

Software Engineering Emphasis

Fall 2022 Requirements

Major (74-76 Hours)
1. Grades below C- are not allowed in major courses.
2. Complete the following courses: CS 111, 202, 203, 204, 224, 235, 236, 240, 312, 324, 369, 404, 405, 403, 426, 441, 460, 462, 465, 482
3. Complete the following supporting courses: WRTG 111, Math 112, 113, 213, 215, and Phscs 121
4. Complete one of the following: Stat 121 or Stat 201
5. Complete a total of 4 elective courses from the following groups:
   a. 2 courses must be from the following courses:
      CS 260, 330, 345, 356, 456, 404, 462, 465, 482
   b. 2 courses from the following courses:

(CS 401R, 493R, 497R, 498R, or 501R is chosen, it must be taken for three credit hours)

Elective Information:
Students must complete a total of 4 elective courses. 2 from Elective A and 2 from Elective B. Courses may not double count for both Elective A and Elective B.

Elective A (Choose 2 courses)
- CS 260 Web Programming
- CS 276 Intro Comp Theory
- CS 305 Prog Languages
- CS 330 Networks
- CS 345 Operating Sys
- CS 356 User Experience
- CS 357 Security
- CS 453 Info Retrieval

Elective B (Choose 2 courses)
- CS 275 Web Programming
- CS 305 Prog Languages
- CS 330 Networks
- CS 345 Operating Sys
- CS 356 User Experience
- CS 357 Security
- CS 453 Info Retrieval

Courses will not double count between requirements A and B.

Key
- Core class
- Minor class
- Elective class
- Prerequisite
- May be taken concurrently

Prerequisite: 240

*Prerequisite: CS 240

Guide only—please consult MyMap for full requirements.